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ABSTRACT

This booklet was developed to provide Honolulu (Hawaii) students with an activity-oriented opportunity to learn more about water and water conservation. It contains inquiry-based games, puzzles, and activities dealing with: (1) how we use water; (2) where water comes from; (3) surface water; (4) groundwater; (5) population growth and its effect on water usage; (6) objects that use water; (7) wasting water; (8) water saving tips; and (9) the Honolulu Board of Water Supply. The answers to questions proposed in some of the activities are provided in the back of the booklet. (TW)

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THE HONOLULU BOARD OF WATER SUPPLY

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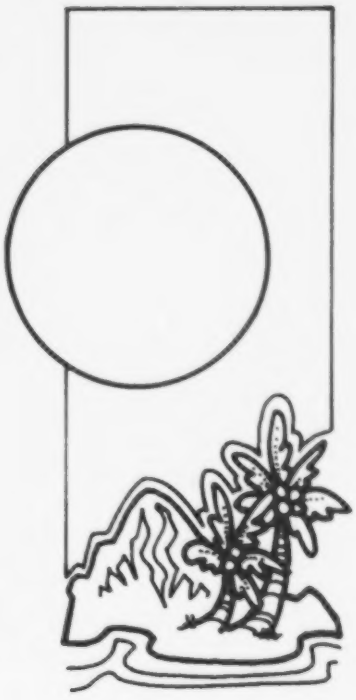
ACTIVITIES AND THINGS

SE 048 515

BOOK A



This book was created to provide Honolulu's students with an activity-oriented medium to learn more about water and water conservation.

Since August of 1979, thousands of students have visited the Fred Ohrt Water Museum in Kalihi where the Honolulu Board of Water Supply offers free tours. Other informational material distributed at the museum and available from the department include coloring books, comics, stickers and brochures.

Credits are due to **Donald L. Buchholz**, author and illustrator whose special talents created this publication especially for the Honolulu Board of Water Supply.

Board of Water Supply

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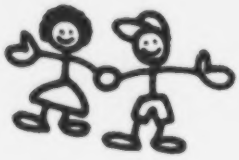
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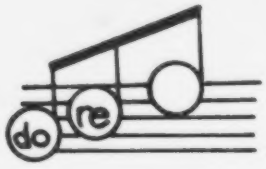

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Some

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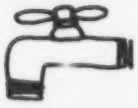
found in a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.

m Uzd

.

Do you know what

am

?

Use the words below to fill in the blank spaces

drink wash boil shower
thirsty clean water

We use water to

_____ when we are _____

_____ our plants

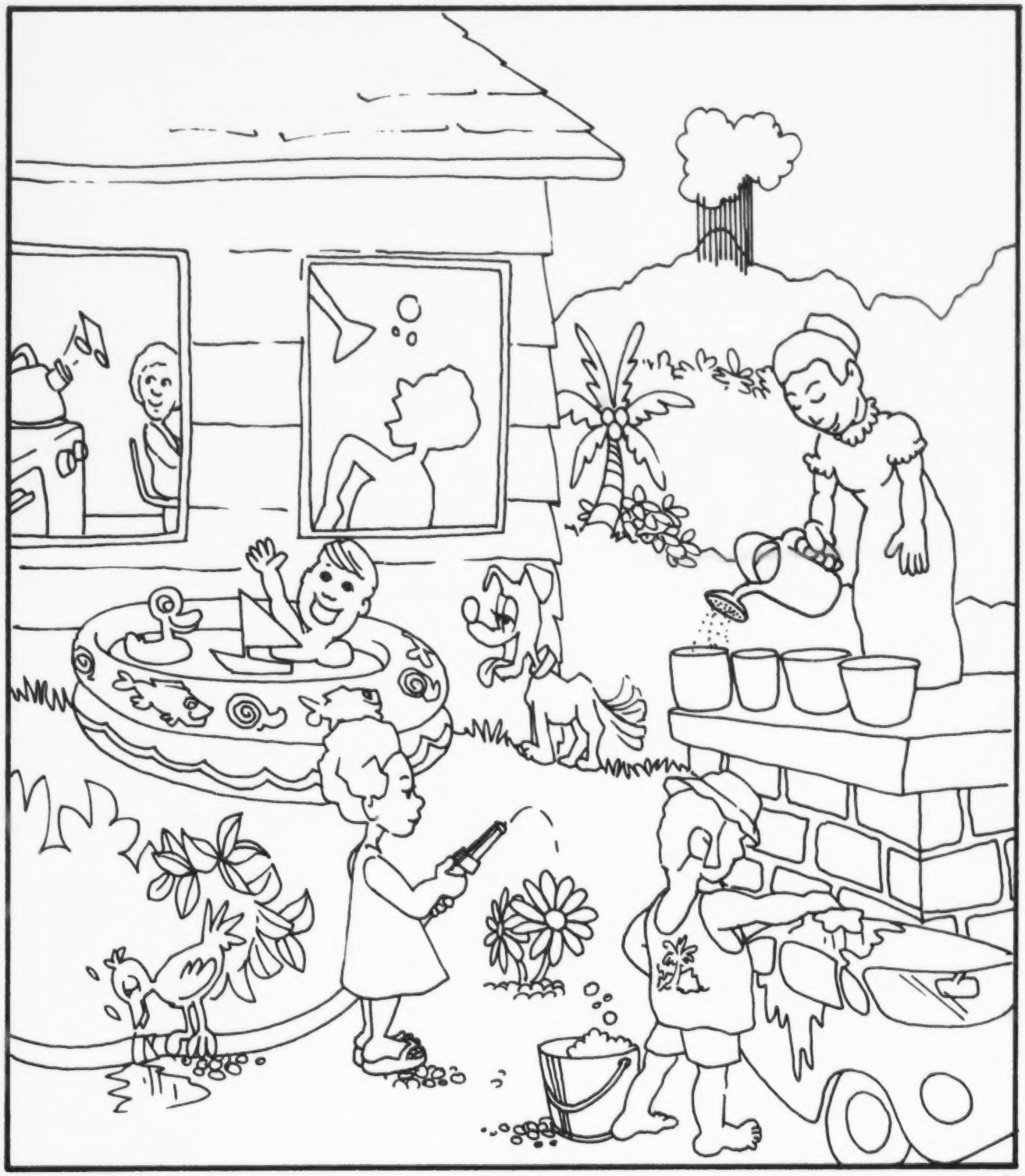
_____ our eggs

_____ our clothes

_____ our dog

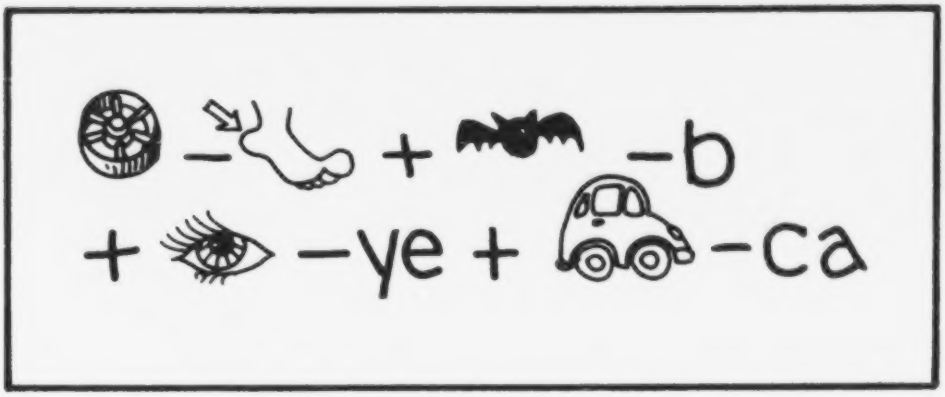
take a _____

Draw a circle around every place where water is being used.



3

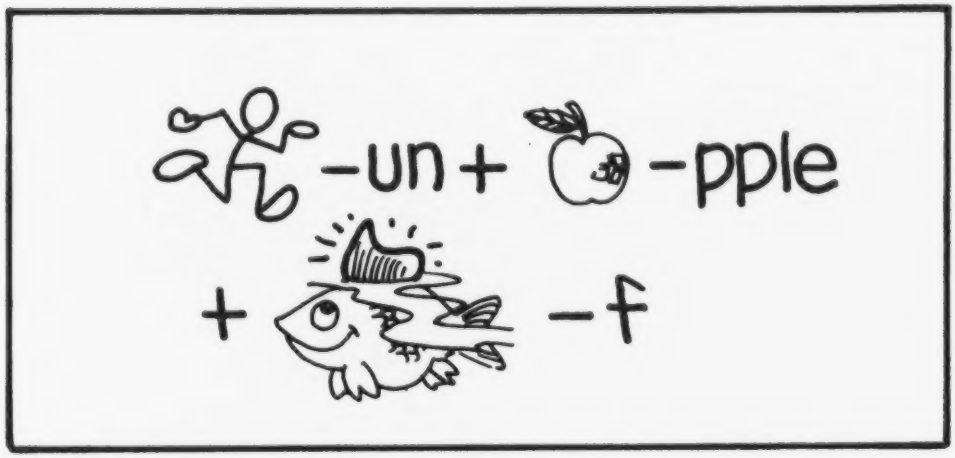
Where does our



_____

come from?

That's easy. It comes from



_____

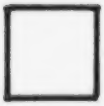
Clouds have many shapes

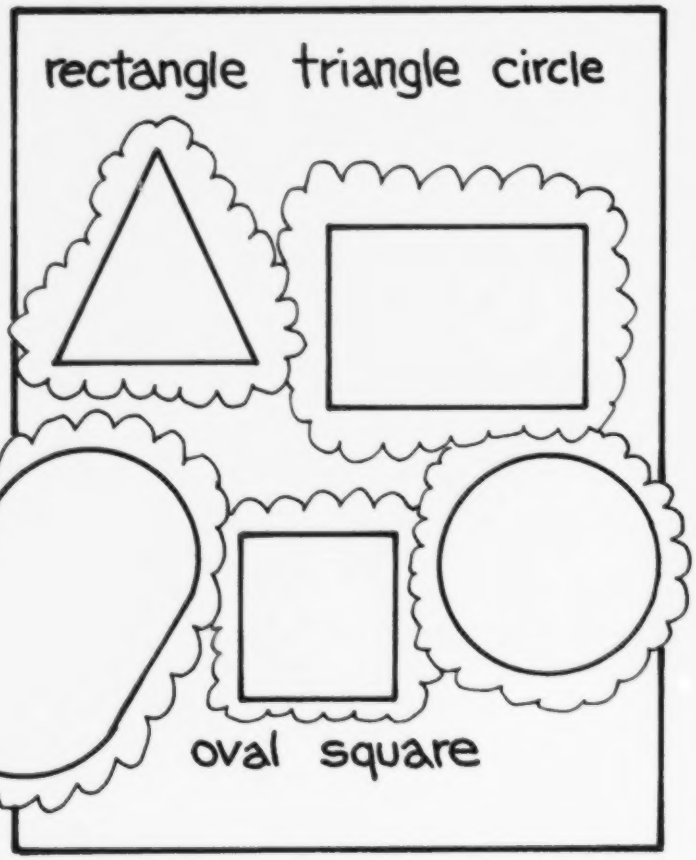
Color red

green

orange

yellow

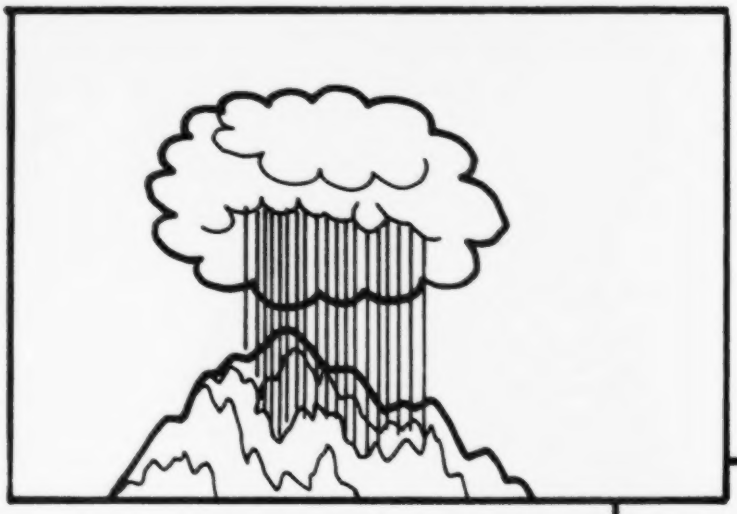
 blue



Draw a line from
the shape to the word.

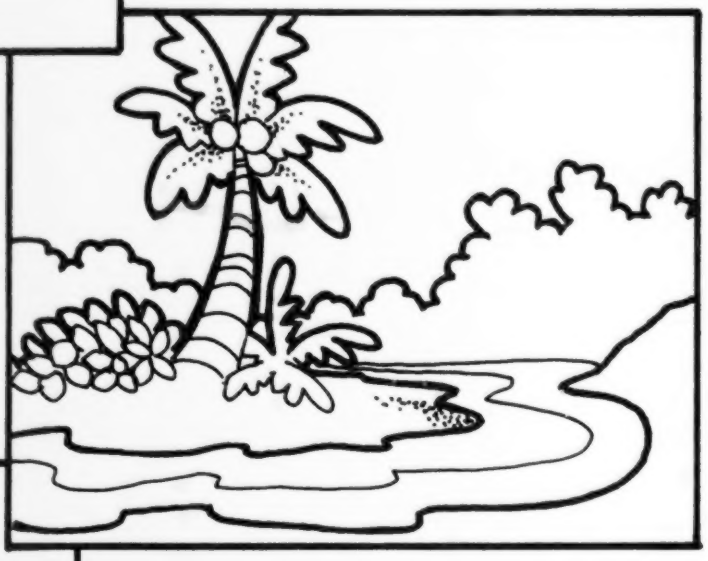
Can you find the twin clouds?

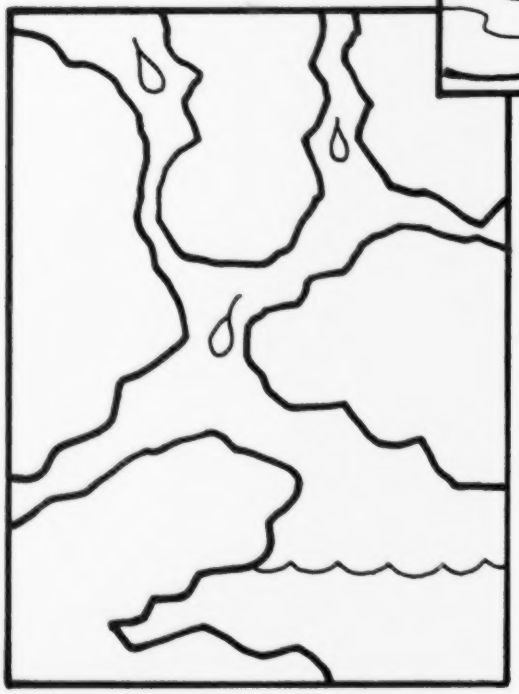
All about water



It rains
in the mountains.

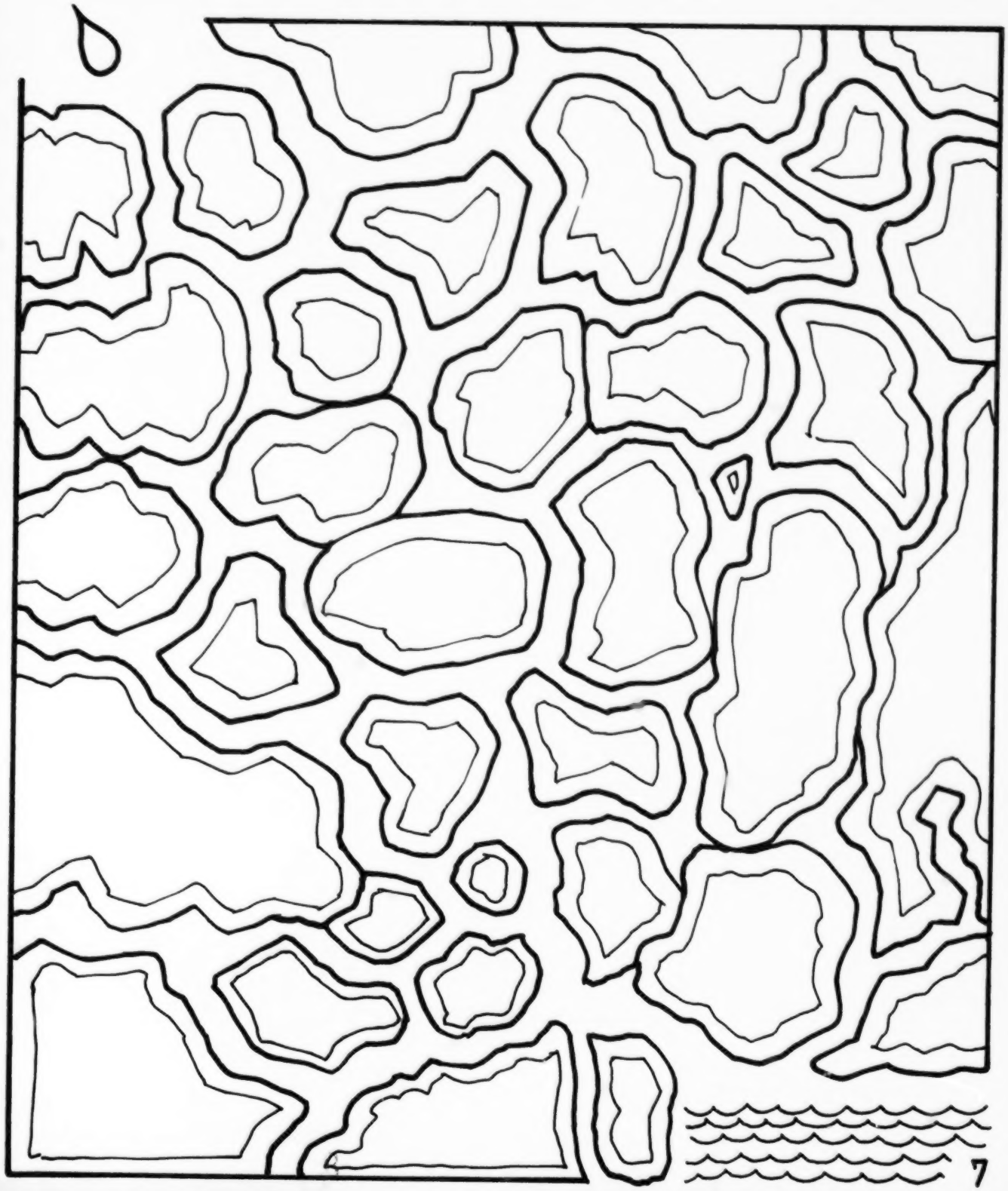
The rain
makes
rivers and
streams.



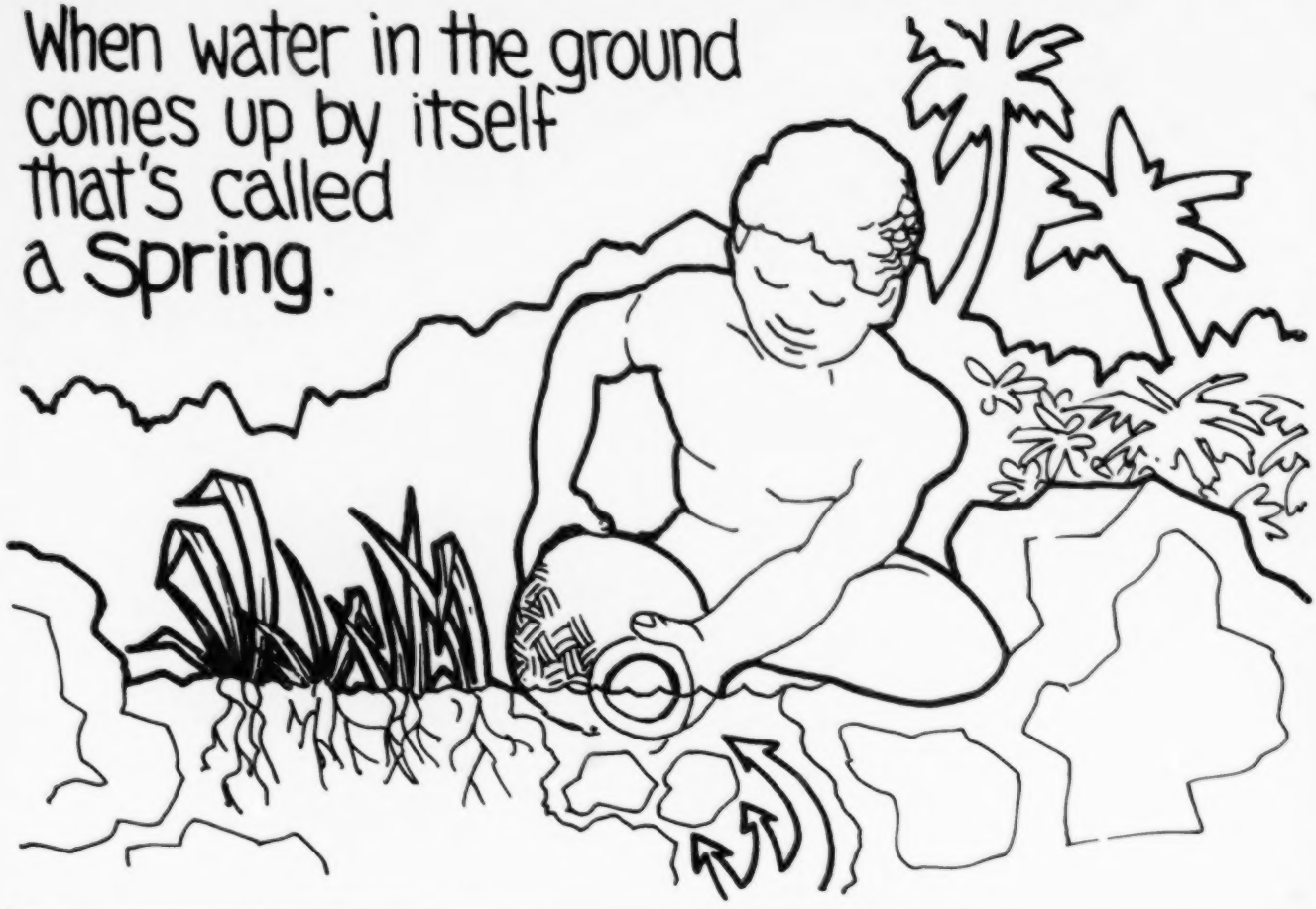


Some of
the water
goes
underground.

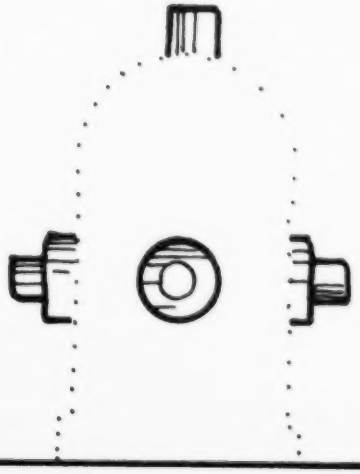
Help the raindrop
find its way underground.



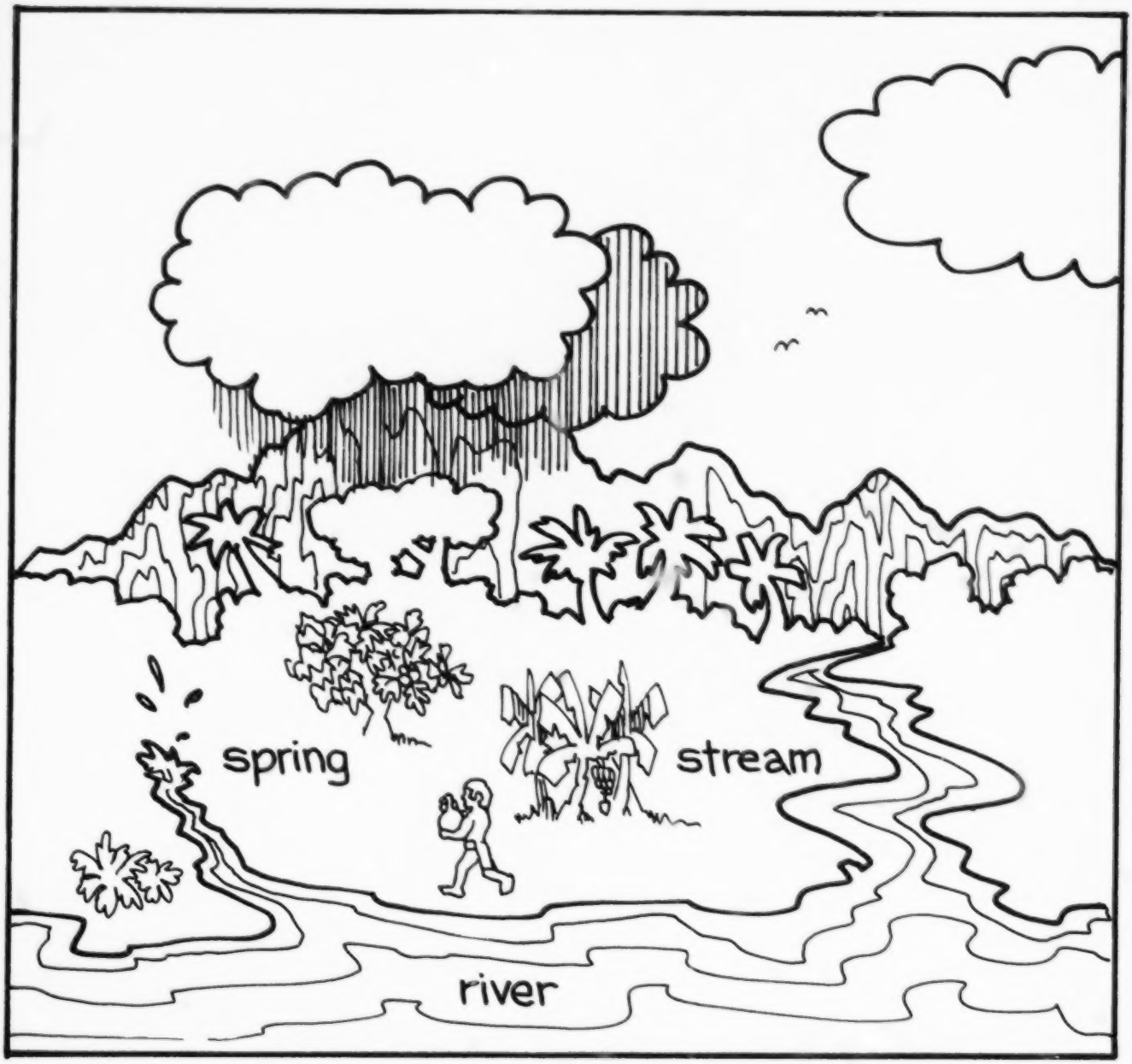
When water in the ground comes up by itself that's called a Spring.



Connect the dots and find something that people use when they need water in a hurry.
What color is it?
Who uses it?



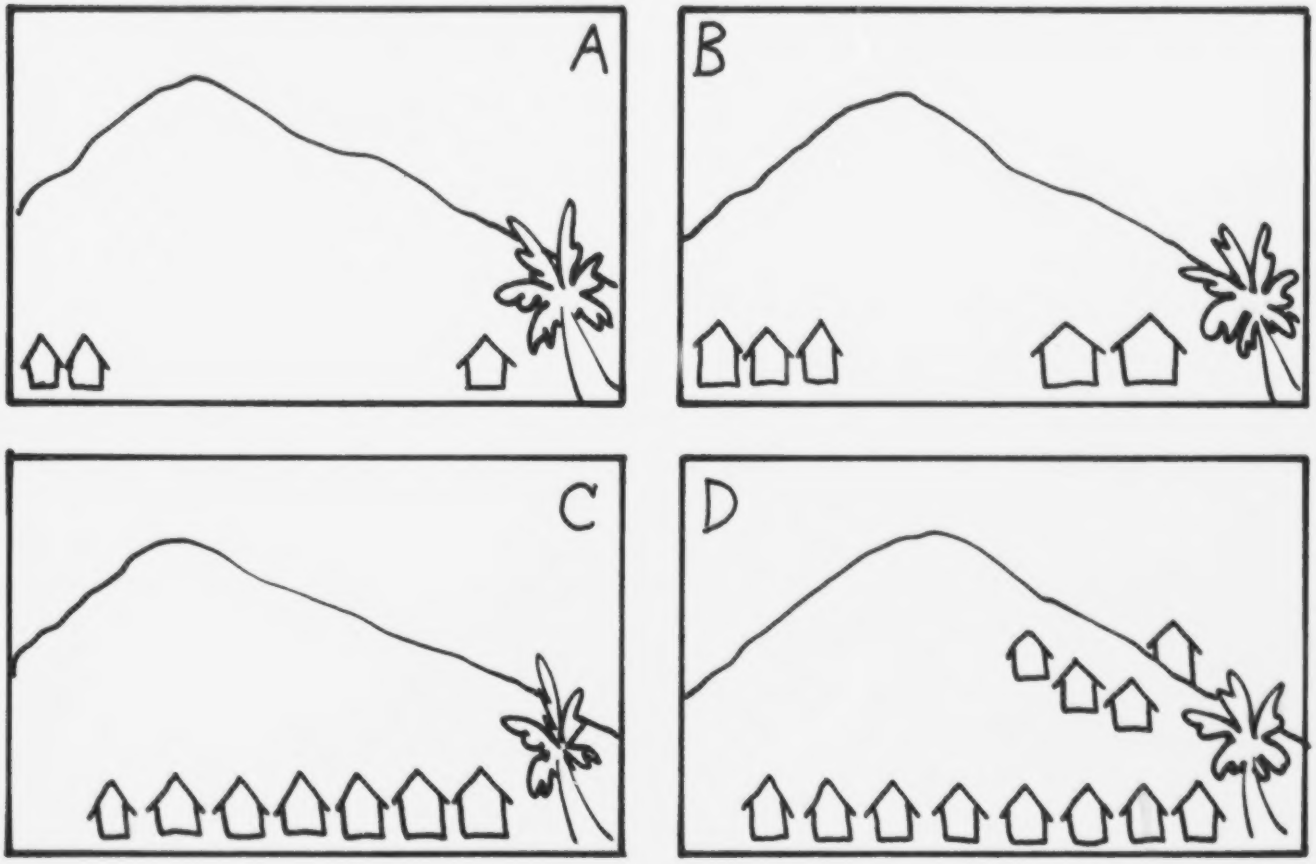
In the old days
people got their water from
springs, streams and rivers.



But then
something happened.

More and more people came.

Count the houses in each box.



Adding

A + B = _____

A + C = _____

B + C = _____

C + D = _____

B + D = _____

Now try Subtracting

C − B = _____

D − A = _____

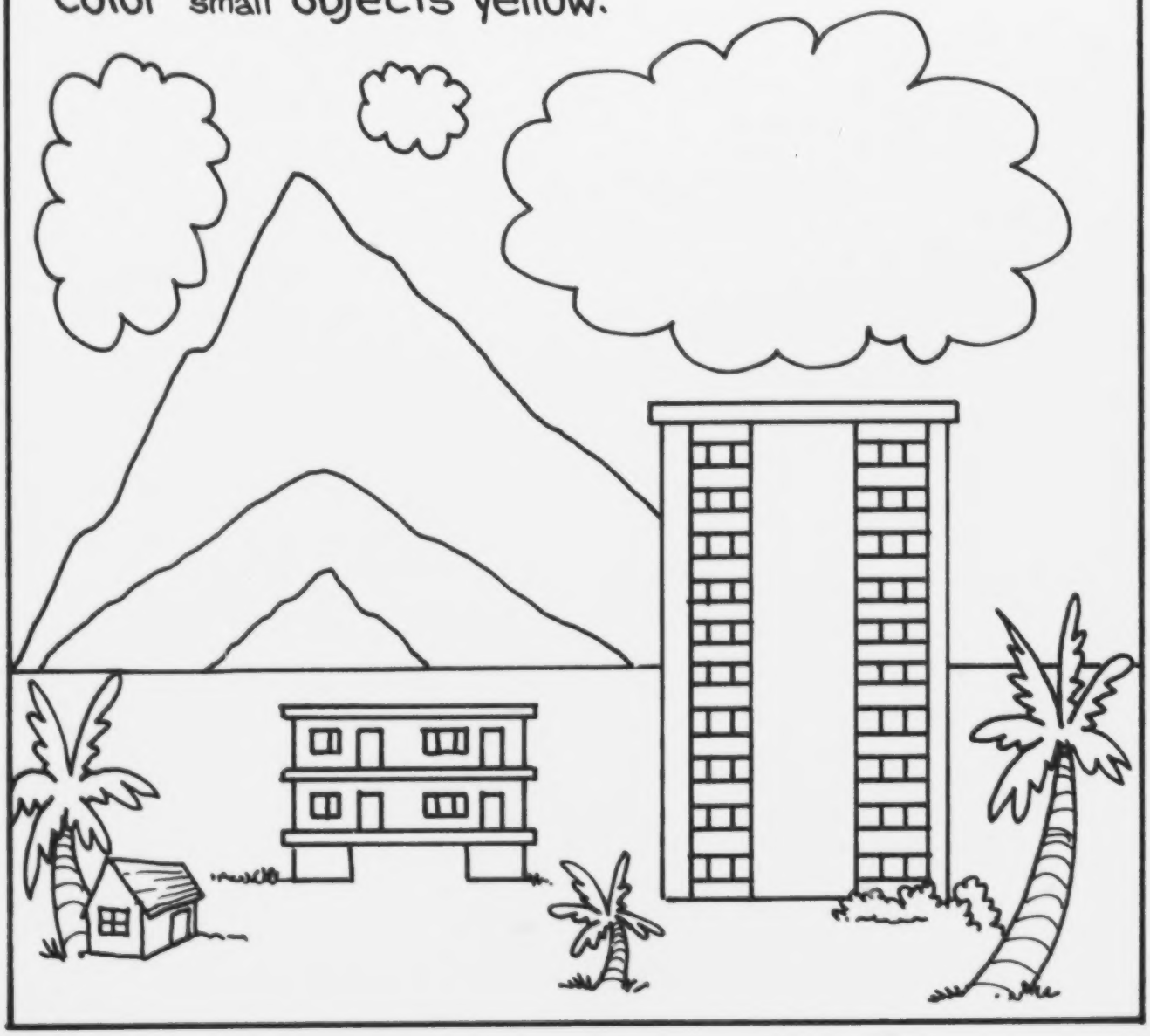
D − C = _____

B − A = _____

C − A = _____

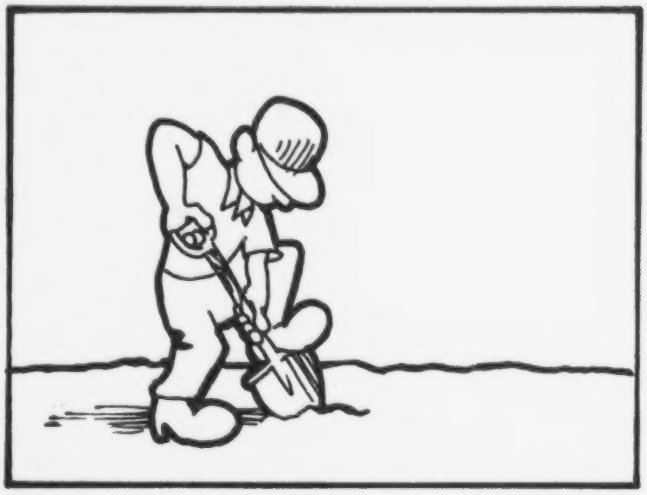
And the more people there are,
the more water is used.

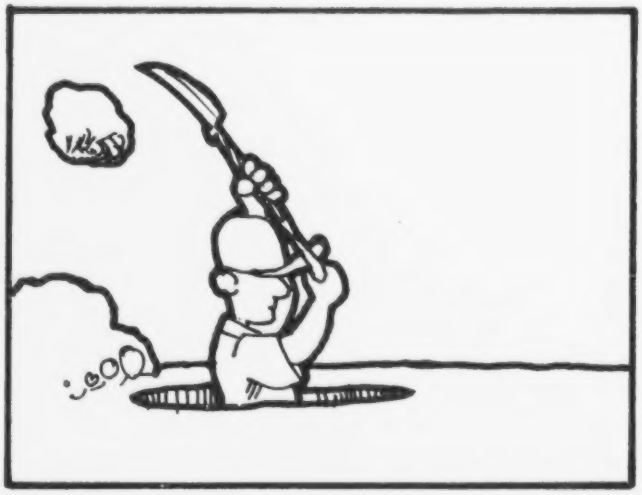
Color **big** objects red.
Color medium objects blue.
Color small objects yellow.

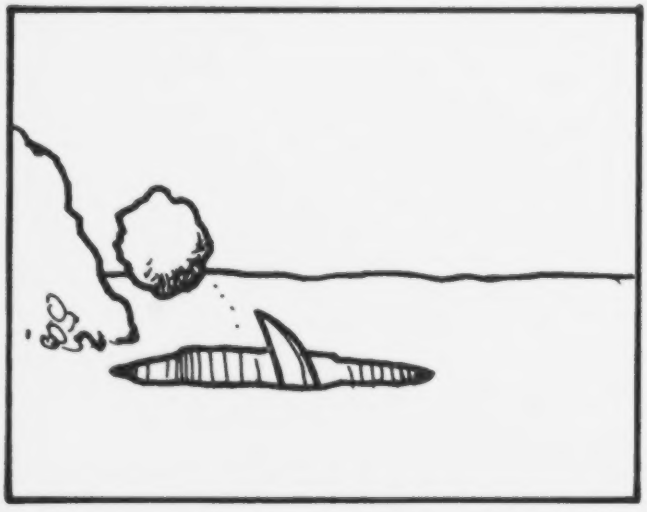


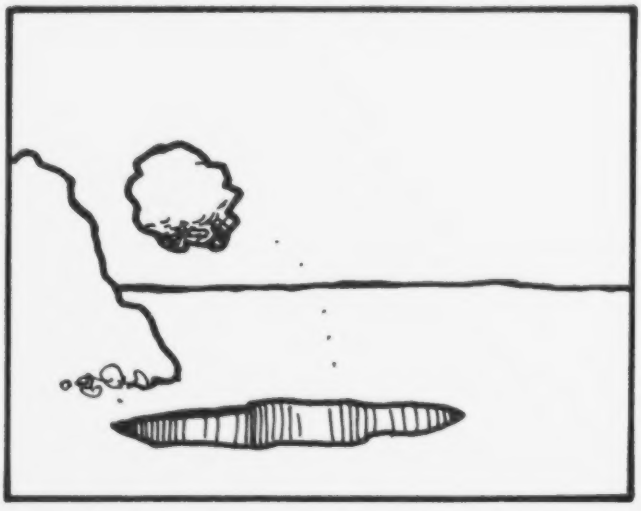
Draw a circle around the building
where the most people live.

If you dig a hole
down to where the water is









that's called
a well.

Where our water comes from

Find the hidden water words.

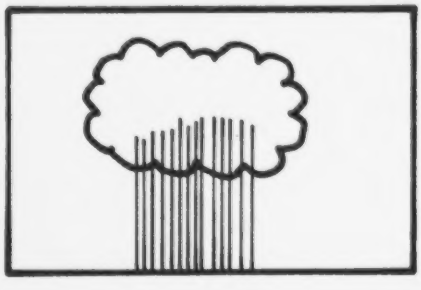
Circle them.

Write them under their picture.

i	o	c	o	t	g
w	e	l	l	l	e
a	w	o	i	d	r
t	r	u	t	h	s
e	a	d	i	n	p
r	i	v	e	r	r
i	n	n	r	n	i
r	c	d	p	k	n
i	t	o	v	z	g

w a t e r

_ l _ _ _



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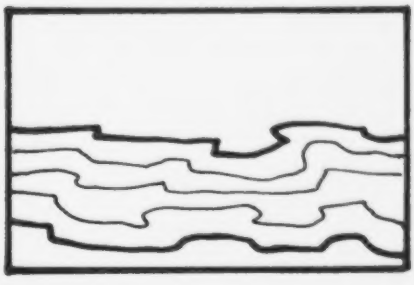

_ _ _ _ r

_ p r _ _ _

w _ _ _

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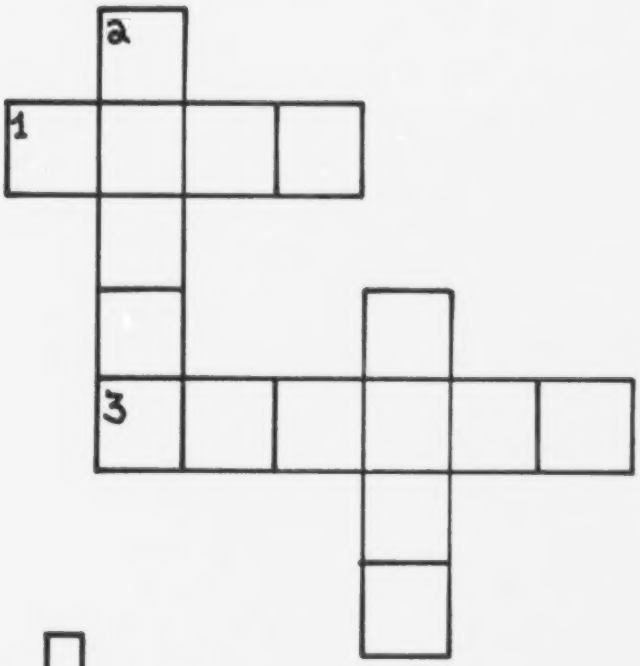
A water crossword puzzle

Across ⟹

1. Our water comes from _ _ _ _ _.

3. Rain makes _ _ _ _ _ _ _ and streams.



Down ⇩

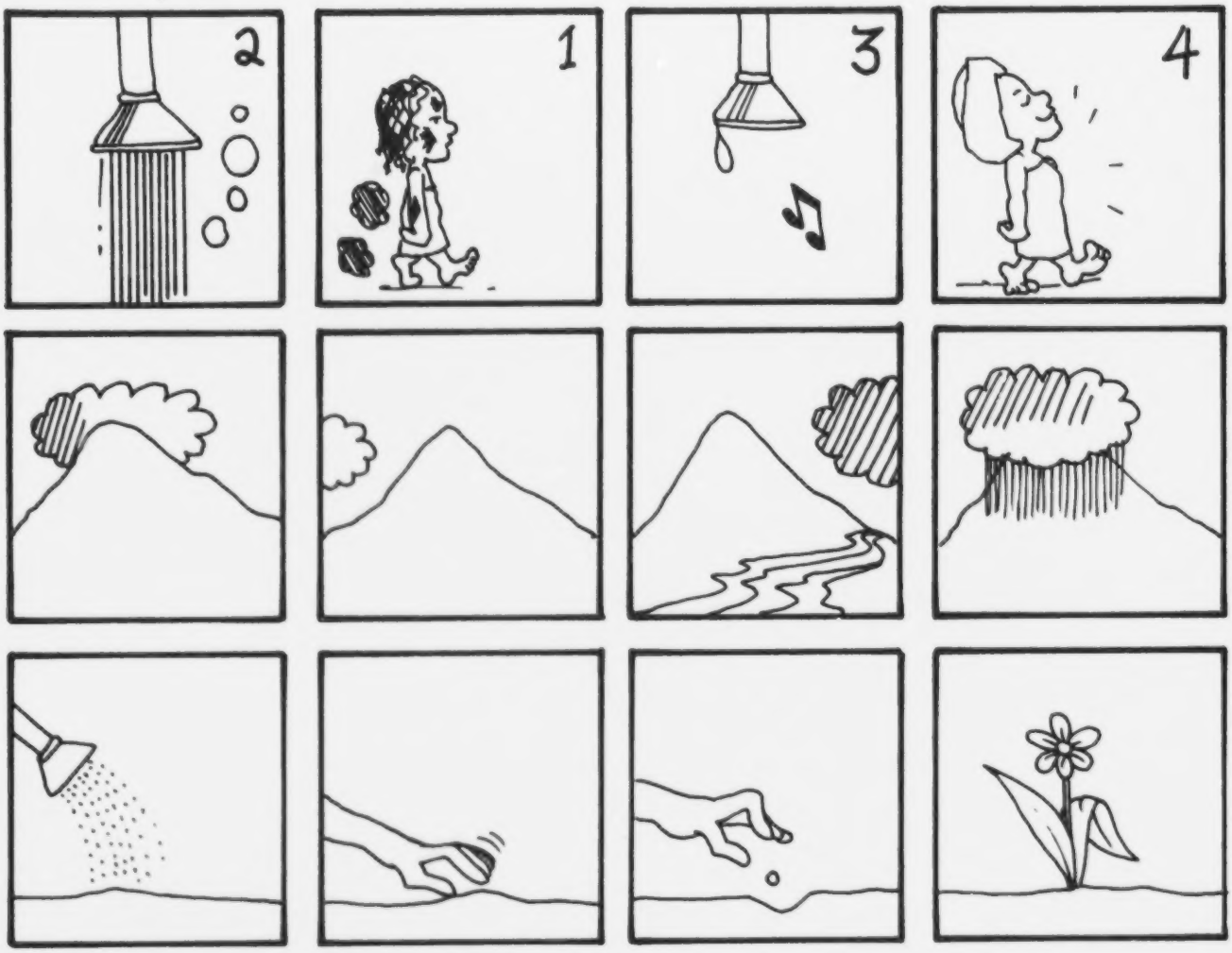
2. We need _ _ _ _ _ to live.

4. Dig a hole, make a _ _ _ _.

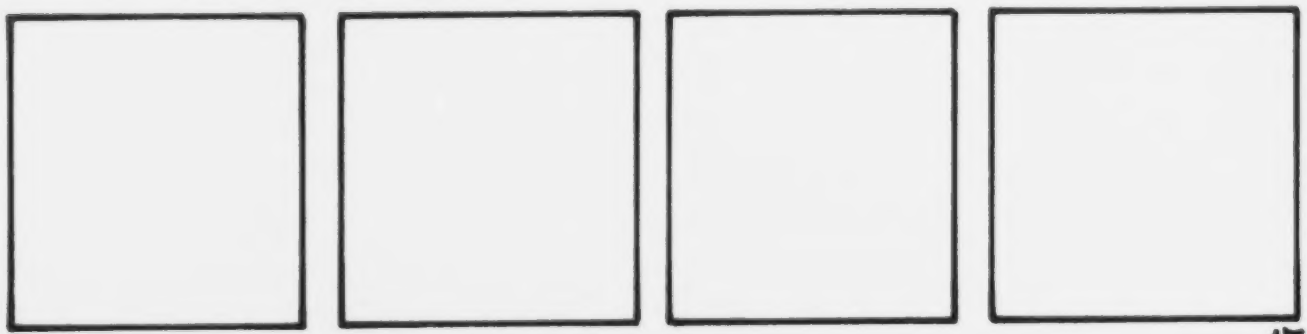
Water stories in sequence

Number the pictures in each story line.

Example



Write your own water story.



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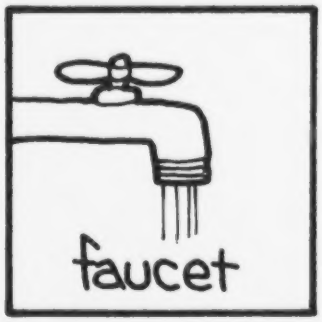
Comparing things about water

Example : A 

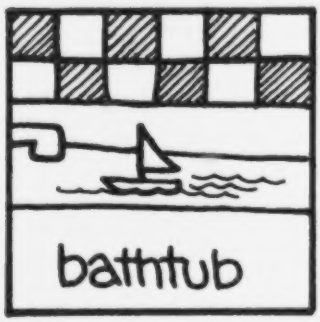
is like a

A

is like _____

A

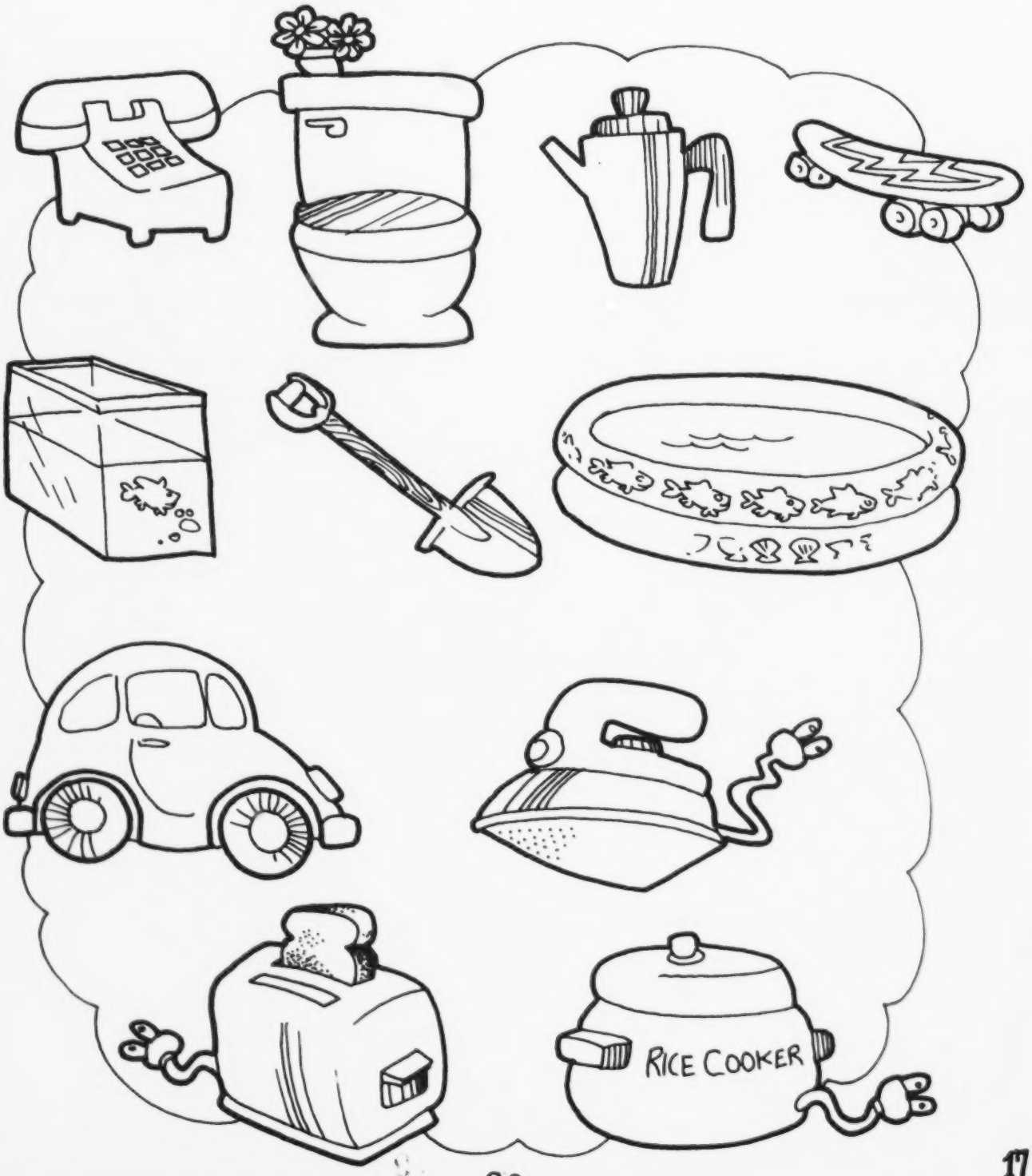
is like a _____

A 

is like the _____

Things that use water

Color things that use water blue.
Color other things red.



17

There is an animal
that
sometimes
WASTES WATER
Can you find it?

...PSST!

Help the children solve a Secret Message!

To solve this
it would be better
to go back **one letter!**

ABCDEFGHIJKLMNOPQRSTUVWXYZ

_____ _____ _____

What can you do to

If water is running
and nobody is using it...

esaelp _____

tuhs _____

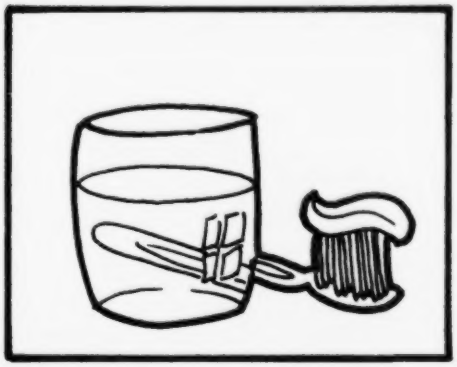
ti _____

ffo _____

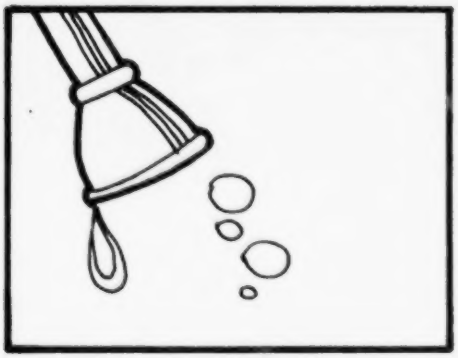
For this code, go the other way ?ees

Only run water when you need it.

Water saving tips

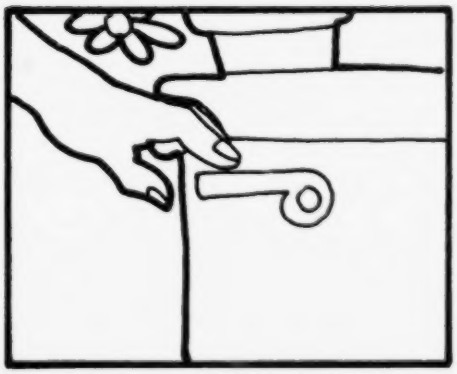


Use a _____ (slags) to rinse your mouth.



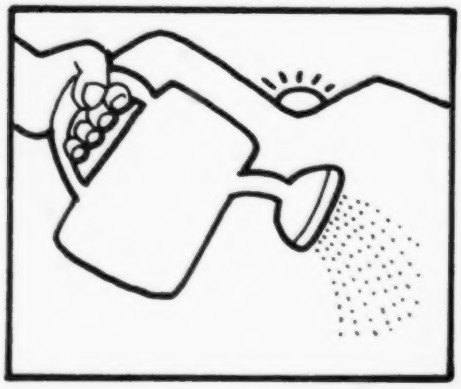
Shut off the _____ (trawe) when you soap yourself.

Only _____ (shufl) when necessary.

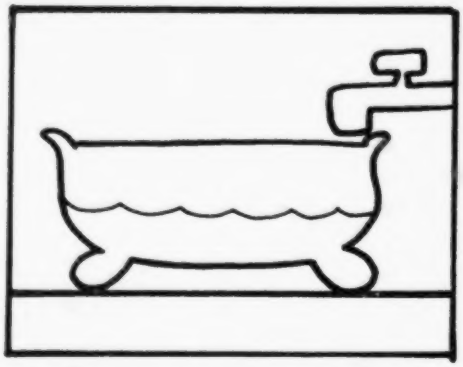


Water saving tips

Water _____ (stanlp) by hand when the sun is down.



Fill the _____ (thubbat) halfway.



_____ (spewe) your walk.

And your water saving tip...

_____

_____

_____

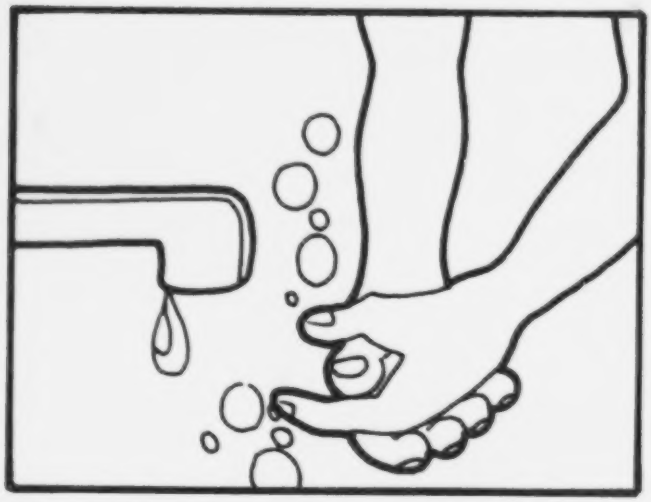
HONOLULU
BOARD OF WATER
SUPPLY

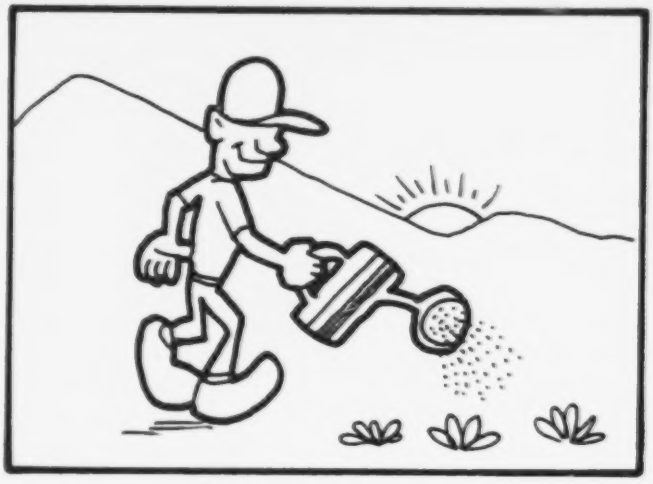
Tell the story in your own words.

Make up your own water story in pictures or words.

Who is saving water?

Color the water saver pictures.





Keep a record of water saving

Draw an X every time you save water.

Washing hands

Brushing teeth

Taking showers

Other

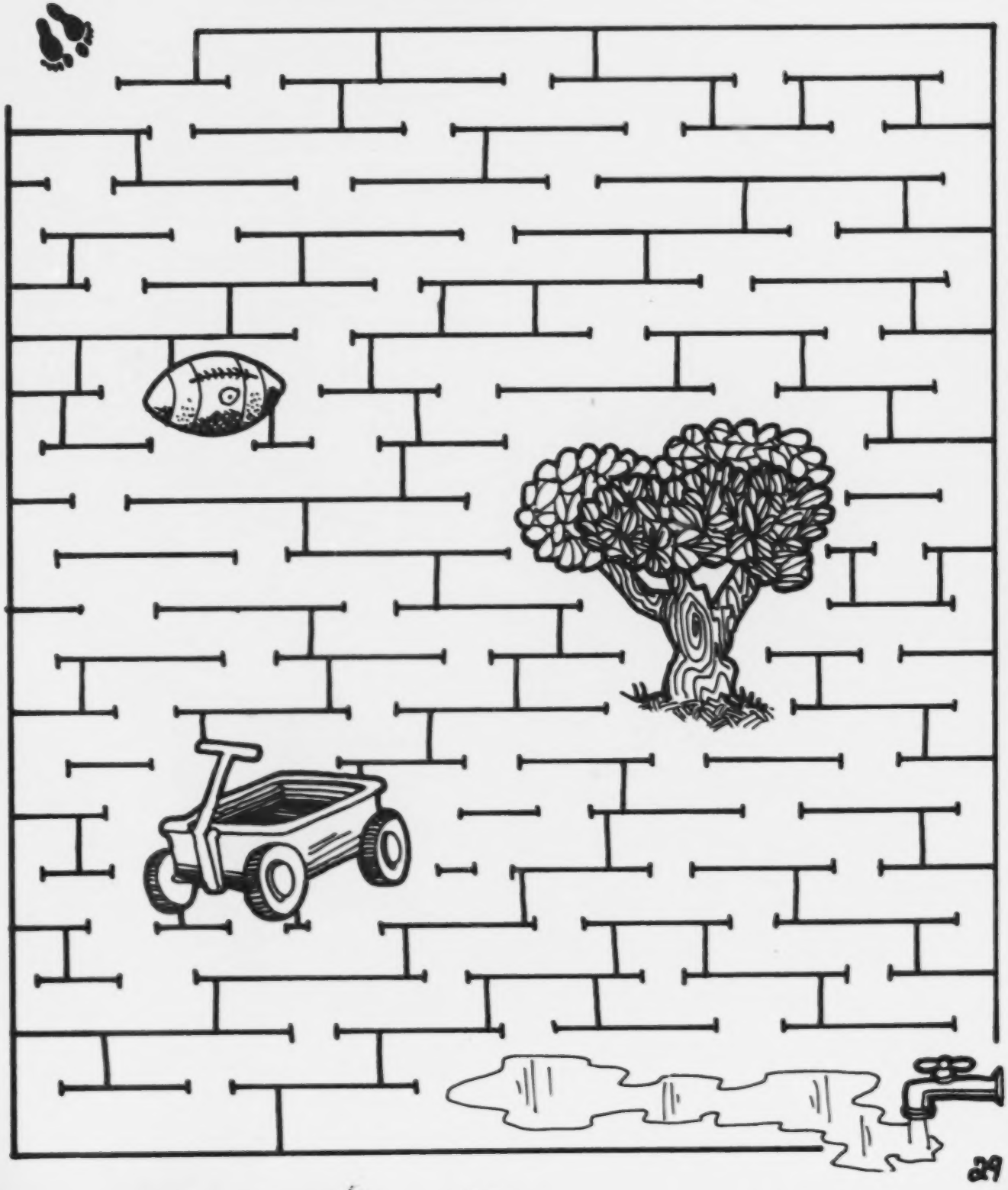
Monday				
Tuesday				
Wednes-day				
Thursday				
Friday				
Saturday				
Sunday				

Look for leaks!

Leaks waste water.

If you find a leak, tell a grownup.

Uh-oh! Somebody left the faucet running!
How fast can you get to the faucet
to shut it off?

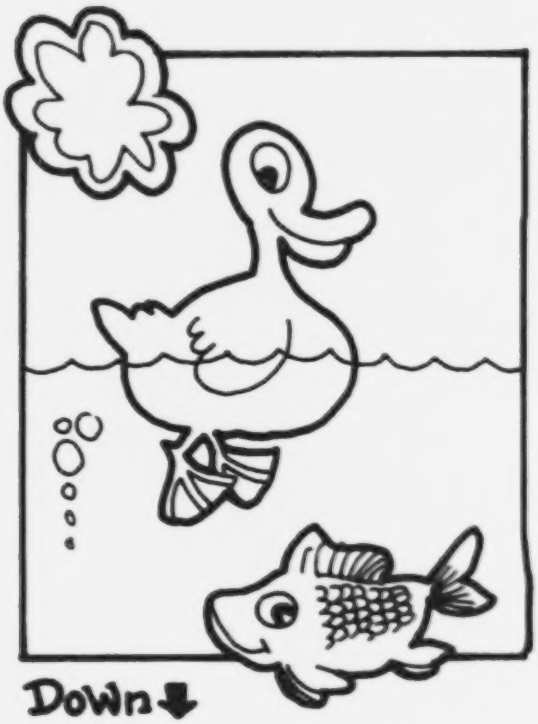


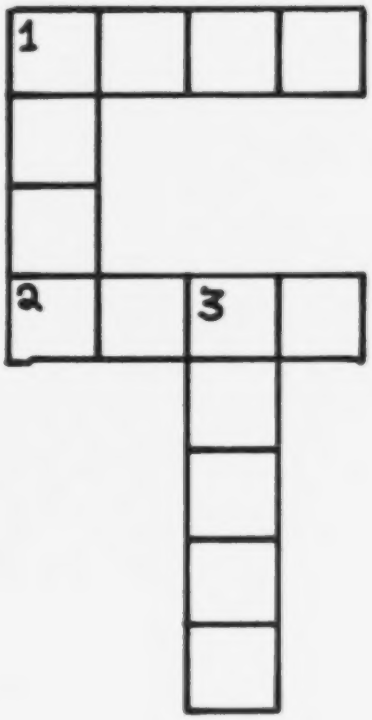
A water saver crossword puzzle

Across ➡

1. You can help _____ water.

2. _____ your friends how to save water.





Down ⬇

1. _____ off the water if you don't need it.

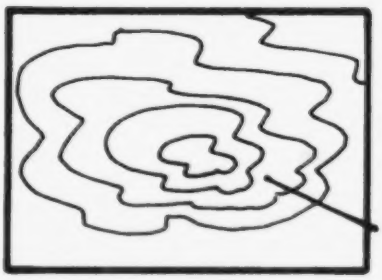
3. _____ can also waste water.

Try and make your own crossword puzzle.
Clue: use graph paper.

How to draw water

the ocean

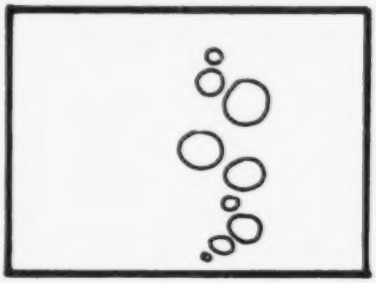
waves



a tub or pool

ripples

rain



under water

just draw the bubbles

Draw two things you like to do that have to do with water.

The people here in Honolulu
that work to bring water to your home
work for the

Board of Water Supply.

And every time you turn on a faucet

or have a drink
of water

you will know
they're on the job.

The Board of Water Supply Game

Watch for trucks that have 💧 on the door.
Those are Board of Water Supply trucks.
Watch for them!
What color are they?
How many can you see in a day?
How many can you see in a week?

Answers

1. Water

2. drink when we are thirsty
   water our plants
   boil our eggs
   clean our clothes
   wash our dog
   take a shower

4. water
   rain

8. fire hydrant

10. 8, 10, 12, 19, 17
    2, 9, 5, 2, 4

13. cloud, rain, river,
    spring, well

14. ACROSS -
    1. rain, 3. rivers
    DOWN -
    2. water, 4. well

15. 2, 1, 4, 3
    3, 2, 1, 4

16. rain, river, ocean

18. the person

19. Help save water

20. please shut it off

22. glass, water, flush

23. plants, bathtub, sweep

30. ACROSS -
    1. save, 2. tell
    DOWN -
    1. shut, 3. leaks